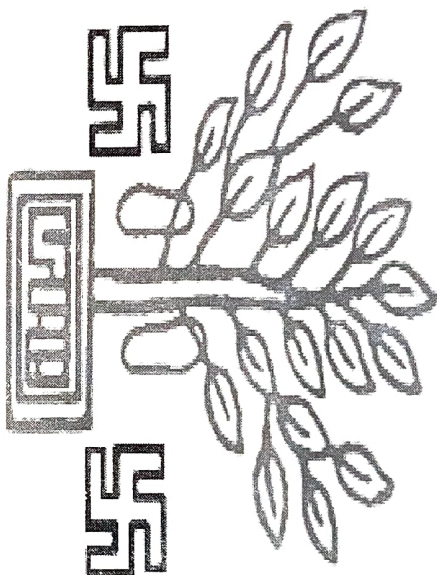


2

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

NAME OF ROAD:- RANIGANJ SARSI MAIN ROAD DR.ALOK TO
BANGALI TOLA RANIGANJ SARSI MAIN
ROAD.

DIVISION:- R.W.D, WORKS DIVISION, FORBESGANJ

CIRCLE:- R.W.D, WORK CIRCLE, KISHANGANJ

BLOCK:- RANIGANJ

ESTIMATED COST

1245548.00

Inspection Report for flood damage work

Date:

1. Name of PIUs- RHD Porbargar

2. Name of Block/Road- Raniger; Raniger Sansi Main road to Banglekli

A. For Road

1. Damage Location/Chainage :

2. Damage Length : 75+56 = 131 M

3. Nature of Damage :

4. Details of Restoration : flood cutting 1.2m W

i Material being used in Restoration

: Local sand, EC bag, bamboo piles

ii Equipment/Tools being used in Restoration works:

: H-D - 7/12 m cutting

iii Procedure taken up in Restoration works

iv Restored Length

: 131 M

B. For Bridge

1. Damage Location/Chainage :

2. Damage Length :

3. Nature of Damage :

4. Details of Restoration :


i Material being used in Restoration

ii Equipment/Tools being used in Restoration works:

iii Procedure taken up in Restoration works

iv Restored Length

18 M


Signature of JE/AE/EE




Signature

(Name of Inspector)

Abstract of Cost

Name of Work : Estimate for Repairing/Restoration/Making Motorable Roads Damaged during flood in 2020 in ARARIA District

Name of Road:

Block: RANIGANJ **RANIGANJ SANSI MAIN ROAD DR.ALOK TO BANGALI TOLA RANIGANJ SANSI MAIN ROAD.**
District: ARARIA

Division : RWD, Works Division, FORBESGANJ

Circle: RWD, Work Circle, KISHANGANJ

Sl No.	Description	Unit	Quantity (m3)	Rate (Rs)	Amount (Rs)
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.				
		Cum	742.50	627.77	466119.23
2	Labour for cutting 62mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer-in-Charge.				
		Mtr.	672.00	75.86	50977.92
3	Labour for fitting & fixing 62mm to 75mm dia bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I wire including cost of G.I wire or nails etc all complete job as per specification & direction of Engineer-in-Charge.				
		Mtr.	336.00	40.06	13460.16
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.				
		Per Bags	3972.94	37.35	148389.22
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.				
		Cum	202.80	1870.43	379323.20
6	Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.				
		meter	10.00	5382.71	53827.10
	TOTAL AMOUNT =				1112096.82
	ADD 12.00 %GST=				133451.62
	SAY TOTAL AMOUNT =				1245548.44

1245548.00

[Signature]
JE

RWD SUB DIVISION-RANIGANJ

[Signature]
AE

RWD SUB DIV.
RANIGANJ

[Signature]
EE

RWD WORKS DIV. FORBESGANJ

Technically approved for Rs 12,45,548 = ru (Rupees twelve lacs forty five thousand five hundred forty eight) only.

SE
KISHANGANJ

[Signature]
Superintending Engineer
Rural Works Department
Works Circle, Kishanganj

Detailed Estimate

Name of Road:

RANIGANJ SANSI MAIN ROAD DR.ALOK TO BANGALI TOLA RANIGANJ SANSI MAIN ROAD.

Sl No.	Items of Works	Nos.	L (m)	B (m)	D (m) IN (Av.)	Quantity (m3)
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.					
		1	75.00	5.50	1.80	742.50
					TOTAL=	742.50
					Total Qty =	742.50
2	Labour for cutting 62mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer-in-Charge.					
		2	56.00	2.00	3.00	672.00
					Total Qty =	672.00
3	Labour for fitting & fixing 62mm to 75mm dia bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I wire including cost of G.I wire or nails etc all complete job as per specification & direction of Engineer-in-Charge.					
		2	56.00	3.00		336.00
					Total Qty =	336.00
3	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.					
		2	75.00	1.00	0.75	112.50
					TOTAL=	112.50
					Total No. of EC Bags =(112.50X35.315)	3972.94
					SAY NO OF BAGE=	3973
4	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.					
		1	78.00	4.00	0.65	202.80
					Total Qty. =	202.80
5	Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.					
		2	2.00	2.50		10.00
					Total Qty. =	10.00


JE


AE

EE

NAME OF ROAD:-
RESTORATION OF ROAD FROM JUMMAN CHOWK TO RAMPUR ROAD TO DURGA MANDIR VIA

Analysis for Carriage by Road & Rail

Block :- Forbanganj

Araria

District:-

Sl No	Item with Source	Unit	Source	Pucka / Surface		Katcha		Loading & Unloading Cost	Carriage Cost by Rail Head	Total	Min Total
				8.00 4.99	x 7.52 x 20.00 Km = Rs 241.12	8.00 4.99	x 18.19 x 0.00 Km = Rs 0.00				
2	Stone Metal Gr-III/GSB (Pakur by Rail 25% Km)	Cum	Mirzachowki	8.00 4.99	x 7.52 x 55.00 Km = Rs 663.09	8.00 4.99	x 18.19 x 0.00 Km = Rs 0.00	189.26	1354.45	1743.71	Rs. 1743.71
5	Stone Metal Gr-III/GSB	Cum	Mirzachowki	8.00 4.99	x 7.52 x 55.00 Km = Rs 663.09	8.00 4.99	x 18.19 x 0.00 Km = Rs 0.00	189.26	1354.45	1743.71	Rs. 1743.71
5	Course Sand	Cum	Jagdishpur	8.00 4.99	x 7.52 x 348.00 Km = Rs 4195.53	8.00 4.99	x 18.19 x 0.00 Km = Rs 0.00	102.59			Rs. 4298.12
7	Local Sand	Cum	Local	8.00 6.29	x 16.27 x 8.00 Km = Rs 165.55	8.00 6.29	x 25.43 x 1.00 Km = Rs 32.34	102.59			Rs. 300.48
8	Brick	1000 Nos	Local	8.00 6.29	x 16.27 x 8.00 Km = Rs 165.55	8.00 6.29	x 25.43 x 1.00 Km = Rs 32.34	188.21			Rs. 386.10
9	Cement	MT	Forbanganj	8.00 6.29	x 7.52 x 27.00 Km = Rs 188.00	8.00 6.29	x 18.19 x 0.00 Km = Rs 0.00	309.64			Rs. 497.64
13	Hume Pipe (1000 mm)	M	Thipur	8.00 10.00	x 16.27 x 65.00 Km = Rs 846.04	8.00 10.00	x 25.43 x 1.00 Km = Rs 20.34	96.59			Rs. 962.97

Cost of Haulage Excluding Loading & Unloading as per SOR

Type of Road	Per Ton. Km by TRACTOR	Per Ton. Km by TRUCK
For Surface Road	16.27	7.52
Unsurface Gravel Road	20.33	9.04
Kachha Road	25.43	18.19

21/11/22

21/11/22